

AMENDMENTS

IN THE CLAIMS

Please amend claims 70 and 71 as set forth below. Please cancel claims 62-63 without prejudice or disclaimer.

Complete Listing of the Claims

Upon entry of the present amendments, the claims will stand as follows. The following listing of claims will replace all prior versions and listings of the claims in the present application:

1-63. (Canceled)

64. (Previously Presented) The isolated nucleic acid of claim 63, wherein said isolated nucleic acid is expressed at elevated levels within one and one half hour following seizure or global ischemia.

65. (Previously Presented) An isolated nucleic acid encoding an amino acid sequence of SEQ ID NO: 27.

66. (Previously Presented) An isolated nucleic acid comprising at least 40 bases in length, and hybridizing to the sense or antisense strand of a second nucleic acid under moderately stringent or highly stringent hybridization conditions, said second nucleic acid having a sequence as set forth in SEQ ID NO: 26, and wherein the isolated nucleic acid is identical to a contiguous portion of the sequence as set forth in SEQ ID NO: 26.

67. (Previously Presented) The isolated nucleic acid of claim 66, wherein said hybridization conditions are moderately stringent hybridization conditions, wherein said hybridization conditions include 1-15 ng/mL of isolated nucleic acid probe hybridizing to said second nucleic acid bound to a nitrocellulose filter, hybridization in 25 mM KPO₄ (pH 7.4), 5X SSC, 5X Denhart's solution, 50 µg/mL denatured sonicated salmon sperm DNA, 50% formamide, 10% Dextran sulfate at 42°C, with washes at 50°C in 2X SSC and 0.1% SDS.

68. (Previously Presented) The isolated nucleic acid of claim 66, wherein said hybridization conditions are highly stringent hybridization conditions, wherein said hybridization conditions include 1-15 ng/mL of isolated nucleic acid probe hybridizing to said second nucleic acid bound to a nitrocellulose filter, hybridization in 25 mM KPO₄ (pH 7.4), 5X SSC, 5X Denhart's solution, 50 µg/mL denatured sonicated salmon sperm DNA, 50% formamide, 10% Dextran sulfate at 42°C, with washes at 50°C in 2X SSC and 0.1% SDS.

69. (Canceled)

70. (Currently Amended) An isolated nucleic acid with at least 60 90 percent identity to the sequence set forth in SEQ ID NO: 26 and expressed in response to seizure or ischemia.

71. (Currently Amended) An isolated nucleic acid that encodes an amino acid sequence at least 60-70 percent identical to the sequence set forth in SEQ ID NO: 27, wherein the isolated nucleic acid is expressed in response to seizure or ischemia.

72. (Previously Presented) An isolated nucleic acid as set forth in SEQ ID NO: 26.